

CLAIMS

What is claimed is:

- 5 1. An accessory unit for alerting a user of an incoming call received by an associated wireless communication device, the accessory unit comprising:
- a coupler configured to couple the accessory unit to a wristwatch;
- a wireless communication circuit configured to wirelessly receive information from the wireless communication device; and
- 10 an alerting device configured to signal the user when a call is received by the wireless communication device.
2. An accessory unit according to claim 1, wherein the alerting device includes a display, which is normally transparent, and the display is located over a
- 15 face of the wristwatch, and wherein the display permits the user to see the face of the wristwatch through the display when the accessory unit is coupled to the wristwatch.
3. An accessory unit according to claim 2, wherein the display is generally planar, and the display covers and is generally parallel to the face of the wristwatch
- 20 when the accessory unit is coupled to the wristwatch.
4. An accessory unit according to claim 2, wherein the display is a liquid crystal display.

5. An accessory unit according to claim 1, wherein the alerting device includes a speaker for producing an audible signal when a call is received by the wireless communication device.

5 6. An accessory unit according to claim 1, wherein the accessory unit displays identification information to identify the source of the call.

7. An accessory unit according to claim 1, wherein the accessory unit includes a printed circuit board, which carries the wireless communication circuit,
10 and a battery.

8. An incoming call alert system comprising:

a wireless communication device, wherein the wireless communication device includes a primary wireless communication circuit and a secondary wireless communication circuit; and

5 an accessory unit configured to alert a user of an incoming call at the primary wireless communication circuit of the wireless communication device, wherein the accessory unit includes:

a coupler configured to couple the accessory unit to a wristwatch;

a wireless communication circuit wirelessly coupled to the secondary wireless
10 communication circuit of the wireless communication device; and

an alerting device configured to signal a user when a call is being received by the primary wireless communication circuit of the wireless communication device.

9. An incoming call alert system according to claim 8, wherein the alerting
15 device includes a display, which is normally transparent, and the display is located over a face of the wristwatch, and wherein the display permits the user to see the face of the wristwatch through the display when the accessory unit is coupled to the wristwatch.

20 10. An incoming call alert system according to claim 9, wherein the display is generally planar, and the display covers and is generally parallel to the face of the wristwatch when the accessory unit is coupled to the wristwatch.

11. An incoming call alert system according to claim 9, wherein the display is a liquid crystal display.

12. An incoming call alert system according to claim 8, wherein the alerting
5 device includes a speaker for producing an audible signal when a call is received by the wireless communication device.

13. An incoming call alert system according to claim 8, wherein the
accessory unit displays identification information to identify the source of the call.
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14. An incoming call alert system according to claim 8, wherein the
accessory unit includes a battery and a printed circuit board further including the
wireless communication circuit.

15. An incoming call alert system according to claim 8, wherein the wireless
communication device wirelessly transmits caller identification information to the
accessory unit when a call is received by the primary wireless communication circuit
to identify the source of the call to a user of the accessory unit.

16. A method for alerting a user of an incoming call, wherein the method comprises:

coupling an accessory unit to a wristwatch;

establishing a wireless link between the accessory unit and a wireless

5 communication device; and

alerting a user that a call is being received with the accessory unit when the call is being received by the wireless communication device,.

17. A method according to claim 16, wherein the method includes locating a
10 display over a face of the wristwatch.

18. A method according to claim 16, wherein the method includes displaying caller identification information on the accessory device to identify the source of the call when a call is received by the wireless communication device.

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19. A method according to claim 16, wherein the method includes producing an audible signal with the accessory unit when a call is received by the wireless communication device.

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20. A method according to claim 16, wherein the method includes providing a transparent display over a face of the wristwatch, so that a user can read the time from the wristwatch when the accessory unit is coupled to the wristwatch.